

Date: Sat, 14 Aug 93 03:30:20 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #979
To: Info-Hams

Info-Hams Digest Sat, 14 Aug 93 Volume 93 : Issue 979

Today's Topics:

 DX Bulletin 43 ARLD043
 Help in Final HT Choice...
How to find the answers to frequently-asked questions about Ham Radio
 new ham?
 Operating in Hong Kong
 RSGB GB2RS NEWS 15TH AUGUST
 RTTY spec anyone?...
 Seeking Dial Cord response
 VK2SG RTTY DX Notes, 13 August

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 14 Aug 93 07:25:55 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
cis.ohio-state.edu!mstar!n8emr!bulletin@network.ucsd.edu
Subject: DX Bulletin 43 ARLD043
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

ZCZC AE69
QST de W1AW
DX Bulletin 43 ARLD043

>From ARRL Headquarters
Newington CT August 13, 1993
To all radio amateurs

Thanks to W5KNE, QRZ DX, VP2ML, The DX Bulletin, KK4HF, K2WK, WA2UUK, KE2CG, W2FGD, G0TIW, OH2BUA and the European DX Packetcluster Network for the items in this week's bulletin.

IRAN. 9D5CW has been on the 14247 khz net recently. He has also shown up on CW at 0425Z on 14017 khz. QSL to Najib, Box 24754-154, Tehran, Iran.

CAMBODIA. VS6WV will operate as XU6WV for a week starting August 21. The WARC bands and 80 and 40 meters will be given extra attention.

EGYPT. Buzz, SU1CS, is active most nights on 14247 khz SSB. QSL via 9K2CS.

TOGO. F9GL still has 5V7WT logs from June 3, 1970 through September 27, 1977, and will help anyone still needing a QSL for this one.

MONGOLIA. JT1CS and JT1/KB9IBZ are planning to be on from JT3 for one week starting August 26. Listen for them on 80 through 6 meters with CW, SSB and RTTY. QSL via JR0CGJ. JT1CC has been worked on the 14226 khz net at 1616Z.

MALAWI. Ely, IN3VZE, will sign 7Q7CE from August 15 through September 10. QSL his home call.

WALVIS BAY. ZS9/DJ0WQ reports their group netting nearly 10,000 QSOs, though only between 200 and 300 were with stateside stations due to poor propagation. He says to check 30 meters around 0630Z and 14280 khz around 1600Z.

ALAND ISLANDS. OH2BAP, OH2BEJ, OH2BMY, OH2BUA, OH2KM, OH2KIF, OH2NGS and OH2ZA will operate club station OH2EW as OH2EW/OH0 September 24, 25 and 26. This operation from IOTA EU-002 will be a single station affair on 80, 40, 20, 15 and 10 meters with SSB only. They will be participating in the Scandinavian Activity Contest. QSL to CBA of OH2EW.

PREFIX HUNTER NOTE. According to Guy, KE2CG, the 00 prefix is being used by some Belgium stations through the end of August.

W1AW/4? Yes, W1AW will be signing /4 from the ARRL National Convention in Huntsville AL this weekend. QSL via N4PYD.

THIS WEEKEND ON THE RADIO. The European DX Contest, AKA WAE DX Test, sponsored by the Deutscher ARC, Runs for 36 hours starting at 1200Z on August 14. For details check page 110 of July QST.
NNNN

Date: 14 Aug 1993 05:17:56 -0500
From: usc!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Help in Final HT Choice...
To: info-hams@ucsd.edu

Edward,

You've narrowed your choices down to the two best dual-band radios on the ham market, as far as I'm concerned. (Although, despite my previous posting, the Kenwood is not an entirely crappy radio.) I own a Standard C168A and have also owned the C528A and C558A dual-banders. I have also owned an FT-530, and the difference between the Standards and the rest of them is in the front-end. The Standards have band-pass filtering. In fact, my micro-sized C168A has FIVE different band-pass filters. (Two low-pass filters, two band-pass filters and a crystal band-pass filter.) These filters are tuned in stages, so you can get wide-band RX without the intermod the other rigs get. The same holds true for the Standard dual-banders.

The Standards also get MUCH better battery life than any of the other rigs including the Icom W21. From my experience, I would say at least 30% better, and 40 or 50% wouldn't be much of a stretch. The C558A doesn't have dual in-band RX like the Icom, so you would be giving that up. It also doesn't have a clock or on/off timer. It IS very rugged and has great out-of-band performance. (Is this sounding like an ad, yet?) My C558A transmitted up to 478mHz, but the VCO limit is different on every rig, the average is 475mHz.

I would obviously buy the Standard, but the choice is yours. I would have kept my C558A, but due to strange finances, I couldn't. If you live in any area prone to intermod, seriously consider the Standard, because all the features in the world won't make up for the frustration of not being able to hear. I'd be happy to go into even more detail, if you'd like you can e-mail me.

Good Luck,

Scott, N9AAT

e-mail: lorit@siucvmb.siu.edu

NO, I DO NOT WORK FOR STANDARD, THEY JUST WORK BEST FOR ME.

Date: 14 Aug 93 09:44:02 GMT

From: rtech!amdahl!amdahl!uts.amdahl.com@decwrl.dec.com
Subject: How to find the answers to frequently-asked questions about Ham Radio
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: ham-faq-ptr

How to find the Rec.radio.amateur.misc Frequently Asked Questions list

This article will tell you how to find the answers to frequently-asked Questions (FAQ) from rec.radio.amateur.misc. The FAQ articles are posted on the 7th of each month. This article is posted on the 14th, 21st, and 28th of every month as a reminder of where to find the FAQ.

The FAQ articles are intended to summarize some common questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list as well as to help beginners get started.

Besides the monthly posting, the FAQ is always available via anonymous FTP and from e-mail servers. This article contains instructions for obtaining a copy of the FAQ. It also contains the table of contents from the FAQ so that you know which questions are covered by it.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good signal-to-noise ratio in the newsgroup. However, they can't do it alone - you, the reader, have to use them. If you are a new user, please print and review the FAQ articles and look at the instructions in the news.newusers newsgroup before posting any articles. If you are an experienced user, please help by refraining from answering frequently-asked questions on the newsgroup if they are already answered by the FAQ articles. Instead, send e-mail to the user who asked the question. (It will be helpful if you include the part of the FAQ that answers their question, but not the whole thing.)

--How to obtain a current copy of the FAQ-----

There are 3 ways to obtain a copy of the FAQ.

- 1) NetNews
- 2) Anonymous FTP
- 3) An Electronic Mail Server

Option #1: NetNews

If you are familiar enough with NetNews to look through previous articles on your system, Option #1 above may be the easiest for you. The FAQ is posted so that it should not expire from your site's news spool until the next one is

posted. Unfortunately, some news administrators do not honor the expiration dates meant to preserve the FAQ.

Look in rec.radio.amateur.misc, rec.radio.info, rec.answers, or news.answers. If the FAQ has expired at your site, try Option #2 (and ask your news administrator to honor expiration dates for articles cross-posted to news.answers if he/she can.)

Option #2: Anonymous FTP

Anonymous FTP uses the File Transfer Protocol. It is only available to sites which are directly connected to the Internet. If you don't know how to use FTP and can't find a friend to help you, continue to Option #3. If your site is not connected to the Internet, you should also continue to Option #3.

The following sites have copies of the FAQ:

site name & address	path to FAQ articles
-----	-----
ftp.amdahl.com	pub/radio/amateur/faq.[1-3].Z located in western USA, FAQ updated daily
ftp.cs.buffalo.edu	pub/ham-radio/faq_ham_[1-3] located in eastern USA, FAQ updated monthly
rtfm.mit.edu	pub/usenet/news.answers/radio/ham-radio/faq/part* located in eastern USA, FAQ updated monthly contains news.answers archive - most UseNet FAQs are here
grivel.une.edu.au	pub/ham-radio/buffalo/ham-radio/faq_ham_[1-3] located in Australia, FAQ updated monthly (Ham files mirrored from buffalo/funet/ucsd daily)
nic.funet.fi	pub/ham/info/faq_ham_[1-3] located in Finland, FAQ updated monthly

Remember, when connecting to the remote system, use the login name of "anonymous" and, as a courtesy to the site administrators, your e-mail address for the password.

Option #3: Electronic Mail Server

If you can't use Options 1 or 2, your only remaining option is electronic mail. You can retrieve a copy of the FAQ by sending a message to
mail-server@rtfm.mit.edu

The body of your mail will contain a command for the mail server software. To get all of the FAQ (consisting of 70K of e-mail in 3 parts), place the following in the first line of your message:
send usenet/news.answers/radio/ham-radio/faq/*

Leave out the subject of your message because the mail server will ignore it.

--- begin sample mail message ---
To: mail-server@rtfm.mit.edu
From: me@here.org
Date: Mon Aug 14 22:27:33 PDT 1995

send usenet/news.answers/radio/ham-radio/faq/*
--- end sample mail message ---

Table of Contents

Dates indicate last modification.

Part 1 - Introduction to the FAQ and Amateur Radio

- ** Table of Contents (6/93)
- ** Introduction to the FAQ (11/92)
 - * How to Contribute to the FAQ Articles (6/93)
 - * Acknowledgements (6/93)
 - * Notes on "Netiquette" (1/93)
- ** What is Amateur Radio? (11/92)
- ** Who can become a ham? (6/93)
- ** Where can I locate information and books on Amateur Radio? (4/92)
- ** How much does it cost? (4/92)
- ** Where can I take the tests? (pre-4/92)
- ** What are the tests like? (6/93)
- ** What can I do with a ham radio license? (5/92)
- ** What can't I do with an Amateur Radio license? (pre-4/92)
- ** I'm interested, who will help me? (11/92)
- ** Should I build my own equipment or antenna? (11/92)

Part 2 - Amateur Radio Organizations, Services, and Information Sources

- ** Where can I find Ham Radio information with a computer? (11/92)
 - * The rec.radio.* newsgroups (6/93)
 - * The ARRL e-mail server (1/93)
 - * The Internet File Transfer Protocol (FTP) (6/93)
 - * Access to FTP archives via electronic mail (1/93)
 - * The Info-Hams mail list: rec.radio.amateur.misc by mail (1/93)
 - * Telephone BBS's with Ham-related information (11/92)
 - * Callsign servers and geographical name servers (11/92)
 - * FTP access to FCC Part 97 and FCC Amateur Radio question pools (11/92)
 - * Lists of radio modifications and extensions (11/92)
- ** Can I send ARRL or W5YI electronic mail? (11/92)
- ** "Why doesn't the ARRL do...?" (11/92)
- ** What magazines are available for Ham Radio? (pre-4/92)
- ** How do I use the incoming and outgoing QSL bureau? (11/92)
- ** Are there any news groups for CAP? (11/92)
- ** What's the name of the QRP club that issues QRP numbers? (pre-4/92)

- ** How do I become a 10-10 member? (pre-4/92)
- ** How do I join MARS? (1/93)
- ** How do I join RACES? (pre-4/92)
- ** What organizations are available to help handicapped hams? (pre-4/92)
- ** I am looking for a specific ham, can anyone help me find him? (6/93)
- ** Can I post my neat new ham related program on rec.radio.amateur.misc? (pre-4/92)
- ** Where can I get ham radio software for my computer? (4/92)
- ** Are there Dialup News services or BBSs for Amateur Radio? (4/92)
- ** Where can I find VE sessions in my local area? (6/92)
- ** Why isn't XXX available electronically? (4/92)

Part 3 - Amateur Radio Advanced and Technical Questions

- ** What are the different US amateur classes and what can each of them do? (pre-4/92)
- ** What is the best way to learn Morse Code? (10/92)
- ** What is the standard for measuring Morse code speed? (pre-4/92)
- ** I'm confused. What do all those abbreviations mean??? (6/93)
- ** What do all those "tones" mean? (pre-4/92)
- ** Where can I learn more about Amateur Radio if I live outside the US? (6/93)
- ** How can I get a "reciprocal license" if I am a licensed ham from another country or if I am a FCC licensed ham who wants to operate in another country (on vacation)? (11/92)
- ** My apartment or housing complex does not allow outdoor antennas, now what do I do? (6/93)
- ** I got TVI...HELP!!! (pre-4/92)
- ** Did you know that you can get college credit for being a ham? (pre-4/92)
- ** On what frequencies do JPL and GSFC retransmit the shuttle audio? (10/92)
- ** Can I take my HT on an airplane and operate it if I get the permission of the captain? (4/92)
- ** How do I modify my current Amateur license? (4/92)
- ** I'm confused about XXX, should I ask the FCC? (4/92)
- ** Is there any information on antique radios? (pre-4/92)
- ** Where can I buy vacuum tubes? (pre-4/92)
- ** What do I need to get started in packet radio? (5/92)
- ** What do I need to get started in satellite communications? (pre-4/92)
- ** What is available to get started in ATV, SSTV and WEFAX? (5/92)
- ** What are these contests I sometimes hear, and how do I participate? (7/92)

--Submitting changes for the FAQ-----

If you have comments or updates for the FAQ, send e-mail to
hamradio-faq@amdahl.com

This will send mail to all the people on the FAQ editorial review group.

Date: Sat, 14 Aug 1993 05:41:28 GMT
From: csus.edu!netcom.com!netcomsv!bongo!julian@decwrl.dec.com
Subject: new ham?
To: info-hams@ucsd.edu

In article <sanjeev.11.000D9CDF@anest4.anest.ufl.edu> sanjeev@anest4.anest.ufl.edu
(Sanjeev Sawai) writes:
>How does one become a ham?

A good pickling in nitrites and a good, long, cool, smoking
usually does the best job.

--
Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: Sat, 14 Aug 1993 06:11:19 GMT
From: usc!sol.ctr.columbia.edu!destroyer!nntp.cs.ubc.ca!newsserver.sfu.ca!sfu.ca!
tpang@network.ucsd.edu
Subject: Operating in Hong Kong
To: info-hams@ucsd.edu

bobw@col.hp.com (Bob Witte) writes:
>Anyone have recent experience operating in Hong Kong?
>I will be there on business and was wondering what the
>reciprocal licensing situation is. (I've got an SASE on
>the way to the ARRL, so that angle is covered.)

Reciprocal licensing is done through the Telecommunication division of
the General Post Office. One of the main offices is at ther GPO at
Central, Hong Kong, near the Star Ferry terminal. You need passport,
license, etc. (but I don't know the details, since I haven't done it yet.)

There are a few clubs there, plus a few 2m repeaters. One is called
HARTS Hong Kong Amateur Radio Transmitting Society. It is the English
speaking (some British expatriates.) club. There are also some Australian,
Canadian and American hams living in Hong Kong (plus some tourists.)
Hong Kong people speak English, but varies in levels, and same for hams.

- 1) VS6KP CTCSS access
- 2) VS6HKA individual DTMF password access
- 3) VS6UTM CTCSS access or one digit DTMF access
(don't know freq.)

VS6KP repeater : 145.650 MHz (-)
VS6HKA repeater : 145.750 MHz (-)

No autopatch allowed in Hong Kong.

Have a fun trip there, lots of electronics shops in the tourists area sell ham gears!! (but I bought stuff from a local store I know for years, since I grew up there.) They sell both export models (American, or European) and also Japanese versions (cheaper, manual, warranty in Japanese, no NiCDs for HTs), so watch out and bargain. Hong Kong is duty free and tax free.

>Bob Witte / HP PMO (Colo Springs) / bobw@col.hp.com / KB0CY / (719) 590-3230

Regards,
David

```
*-----*
| In real life: David Tse           E-mail: tpang@sfu.ca (Internet)      |
| In amateur radio: VE7MDT         Packet: VE7MDT@VE7UBC.#VANC.BC.CAN.NA |
| Snail Mail: P.O. Box 26052, Richmond B.C., V6Y 2B0, Canada           |
| Set-up: Amiga 3000/25, MAG MV-14S, AMaxII, ZyXEL 1496E, DeskJet+, HP48SX |
| Disclaimer: Anything here does not represent views of anyone except mine.|
*-----*
```

" Mom, I want to have an Amiga!", little Jack yelled coming back from school.
" Honey, you are still too young, it is not PC, ya know." mom replied.
To PC or not to PC, that is the question. -me-

Date: Thu, 12 Aug 1993 17:49:48 GMT
From: destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: RSGB GB2RS NEWS 15TH AUGUST
To: info-hams@ucsd.edu

Good morning. It's Sunday the 15th of August and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- It's easier to operate in Romania; the RSGB Datacomms Committee needs some new members and the south coast microwave beacon is off the air.

The Radiocommunications Agency has announced that the Romanian Inspectorate of Radio Communications has implemented the CEPT Recommendation TR61-01. This means that UK amateurs may operate in Romania without obtaining a reciprocal licence. CEPT 1st Class and 2nd Class Licences are valid. Foreign amateurs visiting Romania should prefix their call signs with YO. The contact address is General Inspectorate of Communications, 202A Splauil Independentei, Bucharest,

77208 Romania. Fax: 40 1 3124797. Romanian amateurs may now, of course, operate in the UK using the G0/ or G7/ prefix depending on the type of licence held.

The new RSGB Intruder Watch Coordinator is Chris Cummings, G4BOH, whose address is correct in the current RSGB Call Book. He takes over from David Owen, G00ES. The Intruder Watch, part of the IARU Monitoring Service, has the job of detecting and identifying commercial intruders into exclusive amateur bands, and ultimately having them removed. This is a service provided for all radio amateurs by the Radio Society of Great Britain.

The south coast microwave beacon GB3ESB, on 1296.970MHz was taken out of service last Saturday the 14th, following the loss of permission to use the site. The Hastings Repeater Group has a new site in mind and GB2RS will keep you informed of developments. The Beacon Keeper is Mick, G4PRJ who address is correct in the RSGB Call Book.

Attention data communication experts: Several vacancies now exist for volunteers to serve on the RSGB's Data Communications Committee. A Minutes Secretary is required plus others with expertise in the field of TCP/IP and the DX Cluster. If you are interested, please write in the first instance to the new chairman of the Data Comms Committee, Tom Lilley, G1YAA, whose address is correct in the RSGB Call Book.

RSGB Members in Zone C - the South-East of England - will be interested to know that Zone Council Member Neil Lasher, G6HIU, has changed his address. His new address is 8 Highwood Grove, Mill Hill, London NW7 3LY.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0. From Malawi, IN3VZE will sign 7Q7CE from today Sunday the 15th until Friday the 10th of September. From St Maarten, F2YT and F1MVT will sign PJ7/own-call from today Sunday the 15th to Monday the 30th of August. Operation will be on all bands, but giving special attention to the WARC bands. From Kampuchea, VS6WV will sign XU6WV from Saturday the 21st until Wednesday the 25th of August on 40, 30 and 20 metres, mainly from 1030 - 1200GMT daily. And from Mongolia, JT1CS and JT1/KB9IBZ will be active from the JT3 call area from Thursday the 26th for one week. Activity will be on all bands 6 - 80 metres on CW, SSB and RTTY.

We know of only one rally taking place today Sunday the 15th:

The Southend and District Radio Society Rally is being held at the Rocheway Centre, Rochford, near Southend on Sea, Essex. Doors open at 10.00am. The event features a bring & buy stall and a car boot sale. Refreshments will be available.

We have been notified of only one rally for Sunday the 22nd of August:

This is the West Manchester Radio Club Summer Rally - the "Red Rose Rally" - which is to be held at the Bolton Sports and Exhibition Centre, Silverwell Street, Bolton. Located in the town centre. Doors open at 11.00am, or 10.30 for disabled visitors. There will be all the usual trade stands, society stands and a bring and buy stall, all of which are situated at pavement level. Refreshments and meals will be available all day. Details from Dave, G1I00 on 0204 24104, evenings only.

Next a reminder that the venue for the Torbay Mobile Rally, scheduled for Sunday the 29th of August, has been changed from that originally advertised. The new venue is the Audley Park School, Barton Road, Torquay. Further details from G3HTX on 0803 526762.

HF contest news now:

There is still time to take part in the Worked All Europe DX CW Contest taking place this weekend, which started yesterday at 1200 noon and finishes today Sunday the 15th at 2400. See August RadCom page 16 for details. The next scheduled RSGB HF event is the SSB Field Day Contest held over the weekend Saturday the 4th and Sunday the 5th of September. See July RadCom page 81 for details.

VHF contest news:

The RSGB's 2nd 432MHz Fixed Contest will take place next Sunday the 22nd of August from 1600 - 2000GMT. There are three sections, Single Operator fixed, Others fixed and SWL. See February RadCom page 67 for further details.

Special event stations this week include:

GB4ASH, operated today, Sunday the 15th, from the Ashfield Show, Sutton Lawn, Sutton in Ashfield. The station is run by Mansfield Amateur Radio Society club members. Any one interested in amateur radio is very welcome to visit at the site. The Amateur Radio Club of Fakenham will air the call sign GB2FSW during their annual event at the Fakenham Splash Week from tomorrow, Monday the 16th to Friday the 20th of August. The venue is the Fakenham High School, Wells Road site. For further information contact Dave, G4DCJ, telephone: 0485 528633.

And now the solar factual data

With the quieter side of the sun coming into view during the period from the 2nd to the 8th of August, solar activity declined. However, but due to the passage of coronal holes magnetic activity reached sub storm levels, resulting in a decline in HF band conditions. There have not been any flares of note reported this week. The sunspot count meaned at only about 60 giving an indication of how rapidly the cycle is declining. The solar flux levels are also continuing to decline and averaged 95 units for the period. So far this

year the mean levels have declined from about the 140s down to the present levels of around 95. There is also a reduction in the difference between the highs and lows with the sun's rotation. Last January the difference was 50 units but it is now only about 20. The geomagnetic Ap indices were quiet up to the 3rd, but then rose to substorm levels of 27 units on the 4th, with very unsettled levels from then on. The period averaged 15.2 units. The state has been 'nil, nothing to report' throughout the period. The radio quality indices showed a classic pre-auroral enhancement pattern, with conditions being excellent up to the 3rd, then a collapse to very poor with the passage of the coronal holes. As this news was being prepared conditions were only just starting to recover. We regret that the aa indices are not to hand this week. The X-Ray flux levels, in keeping with the other parameters, steadily declined from B2.5 on the 2nd down to A9.8 by the 7th. The period averaged B1.4 units. Bartells rotation 2186 starts on the 17th of August.

Now the ionospheric data for Central France:

The F2 day-time critical frequencies at Poitiers, as reported by Meudon, averaged 7.5MHz. The darkness hour lows averaged 3.6MHz. There have been many periods of Blanketing E and other phenomena. The highs are now peaking around 20.00 hours, and the darkness hour lows around 3.6MHz.

Now the ionospheric data for the north:

The F2 day-time critical frequencies at Ekaterinberg averaged 6.6MHz, with the darkness hour lows averaging 4.5MHz. The professionals have not fared too well with the forecasting for cycle 22. So far the sunspot forecasts have been wrong, and at times considerably wrong, ever since the cycle started. The result of this is that SESC at Boulder, who are considered the best forecasters in the world, are setting up a new group to try and improve the standard.

And lastly the solar forecast:

This week, the quiet side of the sun will be moving away. Solar flux levels are expected to be about 100. The geomagnetic activity is expected to be quiet. The HF band conditions based on the radio quality indices are expected to be above normal, particularly towards the end of the week.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 T Z and G7 P S series, and Novice calls in the 2 0 A G and 2 1 C E series.

You're listening to GB2RS, the news broadcasting service of the Radio Society

of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

Date: 14 Aug 1993 05:58:35 GMT
From: olivea!hal.com!darkstar.UCSC.EDU!haynes@uunet.uu.net
Subject: RTTY spec anyone?...
To: info-hams@ucsd.edu

Richard Karlquist (rkarlqu@scd.hp.com) wrote:
: Does anyone know how 170 Hz. was arrived at? You certainly
: don't need that much shift for 60 WPM RTTY or even 100 WPM.
: Why wasn't an even narrower shift chosen? I always wondered
: about this.

Well, you have to remember that RTTY has been around for quite a while now. Back in the fifties we didn't use 20 meters much because our transmitters and receivers drifted so badly. So 850 shift was practically a necessity unless you had some kind of automatic frequency control (some guys did).

There is a carrier telegraph standard where the channels are 85Hz apart. I don't know who set that up, but in old catalogs you could buy filters for these channels - the original frequencies of 2125 and 2975 are in this series.

I remember when 170 got started, but I don't remember why it was chosen rather than 85 - probably just a compromise to practicality in an age when frequency drift was still a problem. I remember the military for a while required MARS operators to use either 850 or 85, which was a pain.

Aside from drift, there's the consideration that amateurs mostly had to use home made filters, and we didn't have active filters in those days, so the wider shift was easier to build filters for.

--
haynes@cats.ucsc.edu
haynes@cats.bitnet

"Ya can talk all ya wanna, but it's dif'rent than it was!"
"No it aint! But ya gotta know the territory!"
Meredith Willson: "The Music Man"

Date: Fri, 13 Aug 1993 19:34:44 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!usc!sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!hplextra!hpcss01!hpcuhe!

donh@network.ucsd.edu
Subject: Seeking Dial Cord response
To: info-hams@ucsd.edu

Thanks to all about the sources for 'dial cord'. Radio shack appears to be the place to check. I figured that the shack would be the last place to have it. I'll check this out, thanks again.....

Date: Sat, 14 Aug 93 00:51:01 GMT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!
cis.ohio-state.edu!mstar!n8emr!bulletin@network.ucsd.edu
Subject: VK2SG RTTY DX Notes, 13 August
To: info-hams@ucsd.edu

=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====

SB DX @ ALLBBS \$RTDX0813
VK2SG RTTY DX Notes, 13 August
VK2SG RTTY DX Notes for week ending 13 August 1993 (BID RTDX0813)

If the DX notes appear short this week, I must apologize, but the conditions as they have been for the past week, reports have been few, and information has been scarce. Maybe everyone was chasing the E31A. So all that I can say is that we are not up to our usual standard this week, but we have done our best.

Our information this week came from CE3GDN, ZS5S, 9X5LJ, W2JGR, WB2CJL, G3FZW, I5ICY, DJ3IW and the Central Europe DX-Cluster node DB0SPC, and NJ0M node of the Twin Cities DX Packet Cluster.

Bandpass:

Friday 6
0300-14086 HC7SK
0605-14083 V51GB
1118-14087 BY1QH
1545-14081 EI3GZ
1607-14085 9H1ET
1721-14083 CN8NP
1722-14088 XX9AS QSL KU9C
1806-14084 UI8VL
1955-21074 ZD8SA ARQ

1957-14086 CN8NP
2016-14084 OM3JW QSL OK3JW
2018-14088 EI3GZ
2050-14083 U050C
2054-14088 IS0UGR

Saturday 7

0028-14087 FG4FI
0126-14083 NP2EG
0745-21083 HS0ZAA
0801-14086 SU1AH
1217-14084 FM4GN
1419-14082 XX9AS
1455-14084 C06RR QSL CM6RR
1501-21086 ZS9A QSL ZS1IS
1515-14082 VR2GC
1526-14083 UY9TI Tendra Is. Black sea QSL RB5HT
1700-21075 VQ9JJ ARQ
1710-14083 E31A QSL JH1AJT (Op. Vince K5VT)
1821-14084 EA8JA
1828-14083 Z32GX QSL YU5GBC
2109-14092 4L1BR
2220-14082 AH6FM
2334-14086 TA5C
2337-14086 HK0DPA

Sunday 8

0545-14084 E31A
0644-14082 SU1AH
0654-14082 ES7QF
0725-14082 VU2YK
0832-21084 UN5PR (Kazakh Rep.)
1418-14082 9H1ET
1453-14083 JT1CS
1524-14092 HL1SX
1606-14086 YL2GD
1627-14082 ZS9/DJ0WQ/P QSL DJ0WQ
1727-14085 V51GB
2100-14082 KG4HG
2103-14084 OA4CN
2159-14089 FM5WE
2209-14080 RI2B/UW9CX

Monday 9

0152-14086 9Y4NED
0507-14073 7Q7LA ARQ
0629-14085 V51GB
0753-14087 9H1ET

1253-14083 C02RR
1455-14081 VU2RAK
1512-14085 BY1QH
1649-14092 ET3SID
1749-14087 RI2B/UW9CX
1755-14084 E31A
1810-14087 OM3CPS
2002-14090 OK1AJN
2332-14089 HK0DPA

Tuesday 10

0025-14085 NP2EG
0210-14088 E31A
0855-14083 006AT QSL ON6AT fer prefix
1536-14090 JT1CS
1614-14088 KC6IL
1636-14086 7Q7ZZ
1640-14084 BY1QH
1648-14083 9M2NQ
1709-14091 VU2RAK
1813-14086 UY9TI
2039-14084 Z32GX inverted
2042-14086 VP8CIL
2055-14084 OK2ECC

Wednesday 11

0019-14086 NP2EG
0037-14085 V31BR
0311-14082 AH6HH
0638-14088 V51GB
1229-14085 UT5UII
1357-21069 N7CR/T5 ARQ
1601-14091 JT1CS
1611-14088 5B4VX
1716-14085 4L1BR
1743-14088 YB6INU
1751-14090 YL2GD
2036-14086 C06RR
2040-14087 Z32GX
2151-14081 FY5FJ

Thursday 12

0010-14088 HK0DPA
0031-14085 V31BR
0155-14088 9Y4NED
0505-14086 UN5PR
0522-14085 YL2GD
0605-14085 V51GB

0637-14086 NH6XM
1125-14087 UC20S
1336-21082 9K2IC
1352-21073 TA2D ARQ
1615-14084 FR5DX

Notes of Interest:

MELLISH REEF, VK9M. All is on schedule for this trip which will take place during September between the 19th and 28th. There will be two sites which will operate simultaneously.

ST. PAUL IS. CY9CWI will be aired starting this weekend from August 14 to 19. The crew wants to work with three stations on at the same time. Modes include CW, SSB and RTTY.

Send your bandpass and notes for next week to Bob,
WB2CJL @ CE3GDN.#STG.CHL.SA.

GL de (DX2) Luciano, I5FLN @ ZS5S.ZAF.AF
/EX
SP KT7H @ N7DUO.WA.USA.NA

End of Info-Hams Digest V93 #979
